

The Ryan White CARE Act AIDS Education and Training Centers (AETCs)

The AIDS Education and Training Centers (AETCs) Program of the Ryan White CARE Act supports 14 regional centers with more than 70 local performance sites that conduct targeted, multi-disciplinary education and training programs for health care providers treating persons with HIV/AIDS.

The AETCs Program strives to increase the number of health care providers who are effectively educated and motivated to counsel, diagnose, treat, and medically manage individuals with HIV infections. The AETCs serve all 50 States, the District of Columbia, the U.S. Virgin Islands, Puerto Rico, and the six U.S. Pacific Jurisdictions.



AIDS Education and Training Centers (AETCs)

National Centers

The AETCs Program also supports several National Centers that compliment the 14 regional centers. The National Minority AIDS Education and Training Center was funded by the Congressional Black Caucus as part of the Minority AIDS Initiative in 1999. The Center, in conjunction with Schools of Medicine in Historically Black Colleges and Universities, offers clinical training and support to minority providers to increase the number of minority clinicians providing quality care to HIV-positive individuals.

The National Resource AETC supports the training needs of the regional AETCs through coordination of HIV/AIDS training materials, rapid dissemination of new treatment advances and changes in treatment guidelines as well as critical review of available patient education materials.

AIDS Education and Training Centers (AETCs)

National Centers

The National HIV/AIDS Clinicians' Consultation Center provides health care providers with timely responses to clinical questions related to treatment of persons with HIV infection. The Consultation Center also provides information for individuals with possible health care worker exposure to HIV and other blood-borne pathogens.

The National Evaluation AETC is responsible for program evaluation activities, including assessing the effectiveness of the AETCs' education, training, and consultation activities. The National Evaluation Center also tracks the training activities conducted by the AETCs.

AIDS Education and Training Centers (AETCs)

Provider Training

Providers serving minority populations, the homeless, rural communities, incarcerated persons, and Ryan White CARE Act-funded sites are preferentially targeted for training by AETCs Programs. AETCs focus on training primary health care clinicians such as physicians, physician assistants, nurses, dentists and pharmacists.

Training activities are developed based on assessments of local needs. Emphasis is placed on providing clinicians with current, up-to-date treatment information that addresses the complex issues related to providing care and managing patients with HIV/AIDS.

AIDS Education and Training Centers (AETCs)

Program Data

The National Evaluation Center along with the regional AETCs and the local performance sites utilize common data collections forms to monitor training activities at the participant and event level.

The Program Report (PR) provides information on the training activity or event. The number of enrolled participants, hours of training and collaboration of Ryan White CARE Act programs in sponsoring the training as well as the level of training provided are reported for each event.

Regional AETCs assign each sponsored educational event to one more training levels. Definitions for each level of training follow.

AIDS Education and Training Centers (AETCs)

Level I: Didactic Presentation

- Method of Training
 - Didactic knowledge transfer
 - Journal club
- Training Objective
 - Change in knowledge
 - Limited attitudinal change
- Role of Learner
 - Passive
- Duration
 - Minimum, 1 hour

AIDS Education and Training Centers (AETCs)

Level II: Skill Building Workshop

- Method of Training
 - Small group interactive sessions
 - Workshops
 - Role play
 - Instructor generated (hypothetical) case discussion
 - Use of standardized simulated patient care
- Training Objective
 - Change in attitudes and skills
- Role of Learner
 - Interactive with instructor and other participants in skills building activities
- Duration
 - Minimum, 1 hour
 - Typical, 2-4 hours

AIDS Education and Training Centers (AETCs)

Level III: Clinical Training

- Method of Training
 - Clinical observation of patient care (Level IIIa)
 - Interaction with patients in care setting (Level IIIb)
 - Mini-residency
 - Preceptorship
 - Telemedicine
- Training Objective
 - Change in knowledge, attitude and clinical skills
 - Comfort and confidence to make appropriate/sound clinical decisions
- Role of Learner
 - Interactive with patient and facility within clinical setting
- Duration
 - Minimum, 1 day
 - Typical, 2-5 days

AIDS Education and Training Centers (AETCs) Program Record (PR) Data

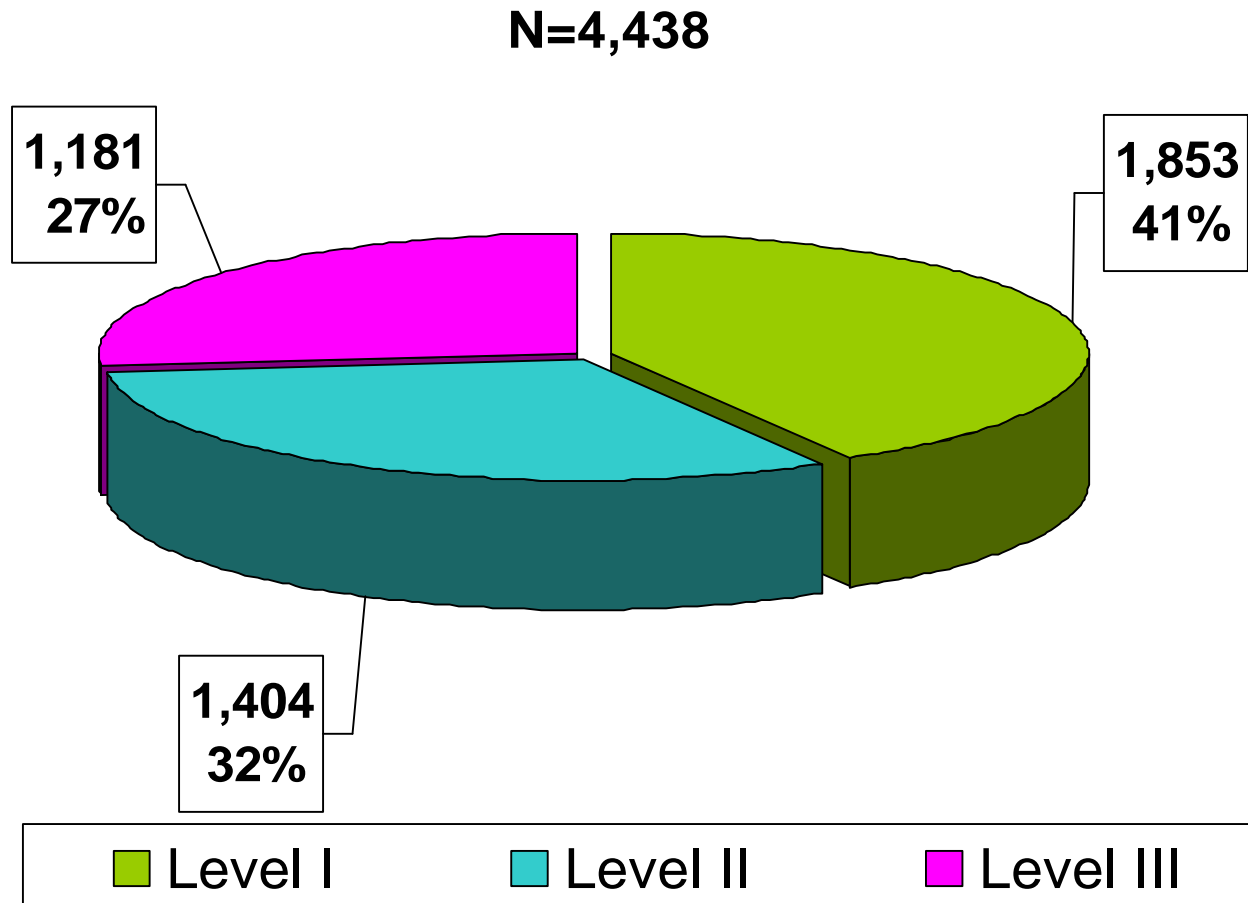
The data presented here is a summary of training events conducted by the 14 regional AETCs and the National Minority AETC during the grant year ending June 30, 2001.

During the reporting period July 1, 2000 through June 30, 2001, 4,438 training events were reported. Forty-one percent of these events were Level 1 trainings, 32 percent were Level II, and 27 percent were Level III training activities.

A total of 106,460 trainees participated in AETCs events during the reporting period. Fifty-four percent of the participants enrolled in Level I trainings, 40 percent participated in Level II events and 6 percent enrolled in Level III programs.

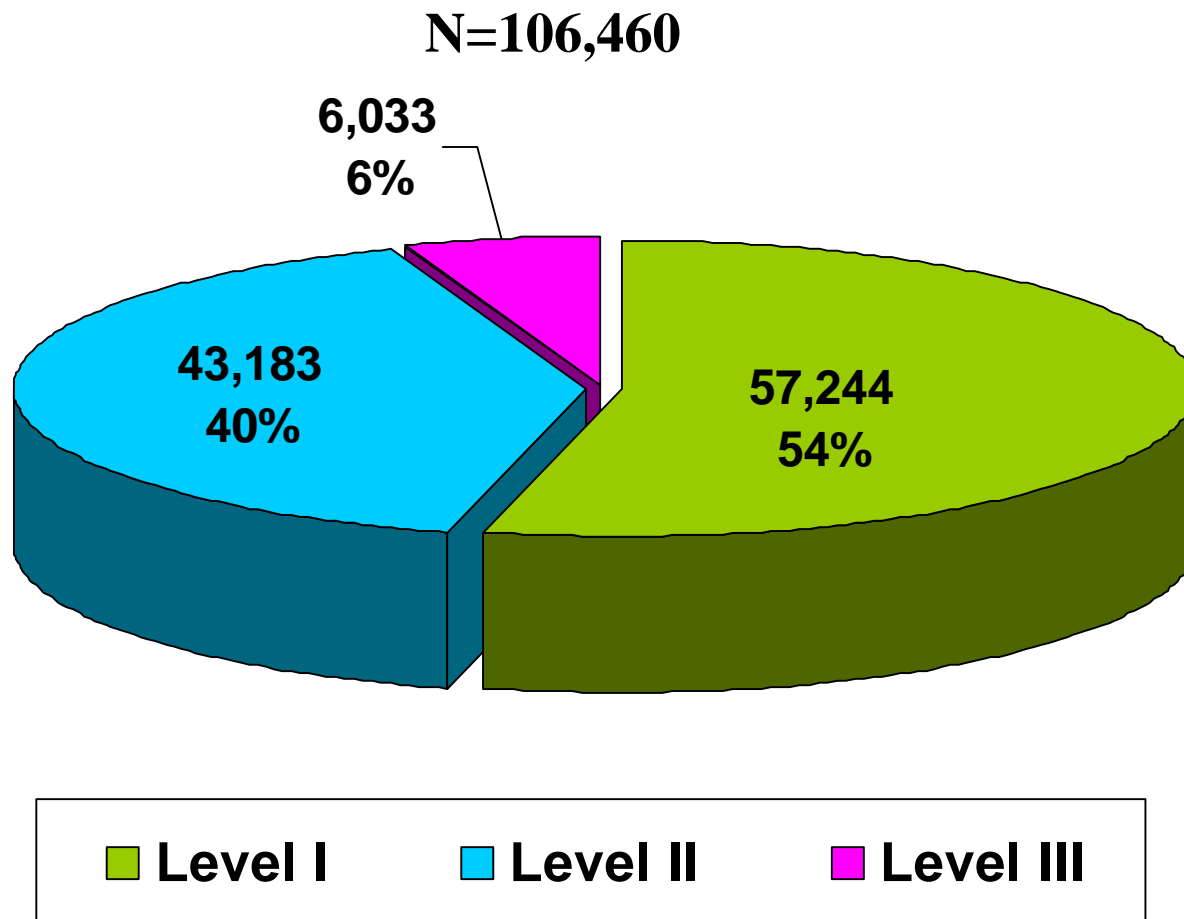
AIDS Education and Training Centers (AETCs)

Number of Events by Training Level



AIDS Education and Training Centers (AETCs)

Number of Participants Attending AETCs Events



AIDS Education and Training Centers (AETCs)

Participant Information Form (PIF) Data

In addition to completing the PR data for each training event, AETC programs also have training participants complete a one page Participant Information Form (PIF). The PIF provides data that characterize training participants as well as the clients served by participants.

During the reporting period July 1, 2000 through June 30, 2001, 79,603 PIFs were received from the 14 Regional AETCs submitting data and the National Minority AETC. The data presented here exclude 312 PIFs (less than 1% of all PIFs submitted) due to missing information on training level.

AIDS Education and Training Centers (AETCs)

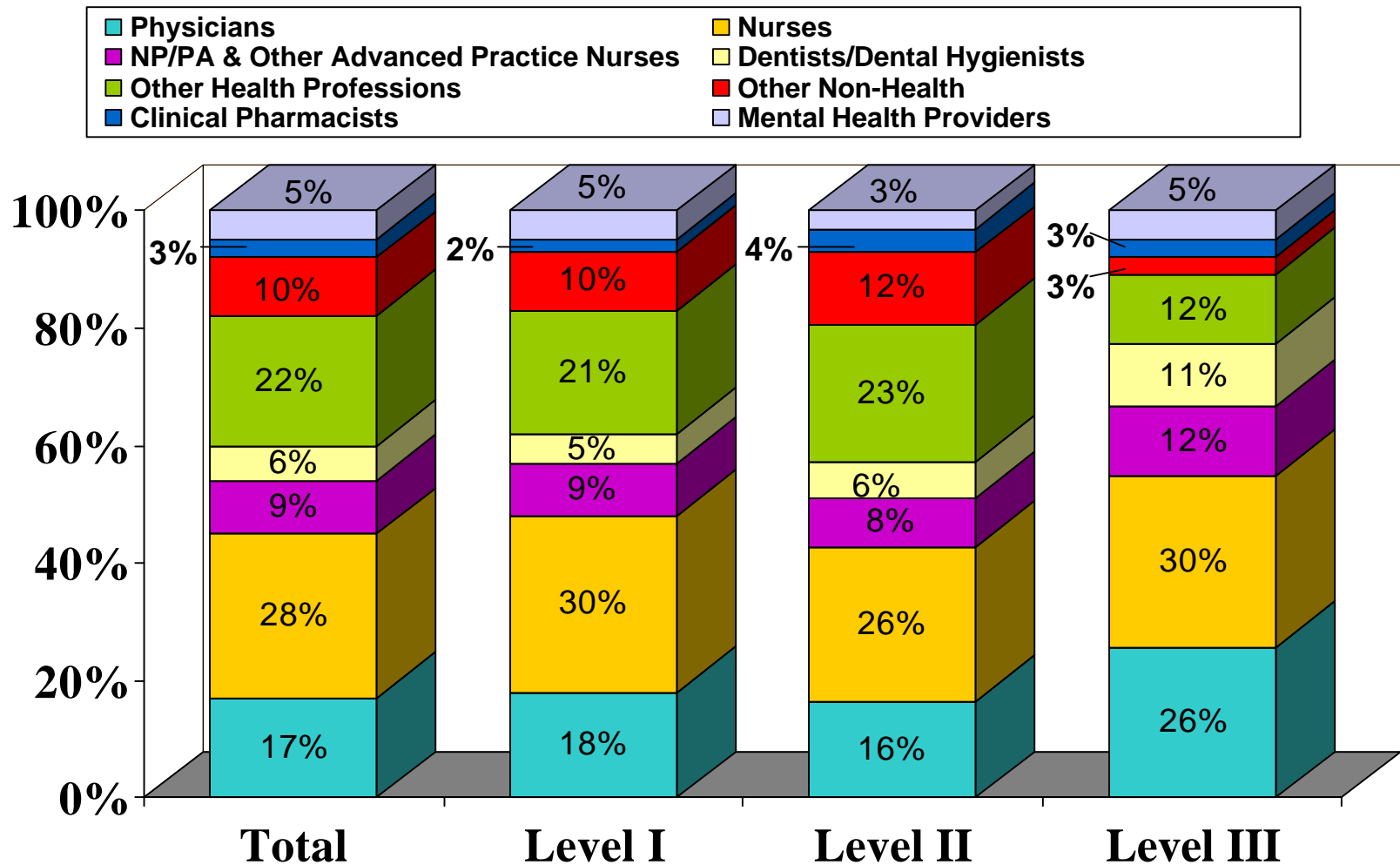
Professional Discipline and Employment Setting

Overall, 17 percent of all training participants during the period July 1, 2000 through June 30, 2001 were physicians. Twenty-eight percent of training enrollees were nurses and an additional 9 percent of trainees were nurse practitioners, other advanced practice nurses or physician assistants. Dentists and dental hygienist comprised 6 percent of those receiving training.

A Community/Primary Care facility was reported as the primary employment setting by 36 percent of training participants. Hospital/Long Term Care facilities were reported by 29% of participants, 10% reported Private Practice/HMOs, and 11% reported Other Health Care settings as participant primary employment settings.

AIDS Education and Training Centers (AETCs)

Discipline of Participants by Training Level



AIDS Education and Training Centers (AETCs)

Primary Employment Setting of Participants by Training Level

Primary Employment Setting	Total %	Level I %	Level II %	Level III %
Hospital/Long Term Care	29%	34%	40%	34%
Community/Primary Care	36%	32%	25%	33%
Private Practice/HMO	10%	10%	10%	14%
Non Health Care (including not working)	14%	14%	14%	11%
Other Health Care	11%	11%	11%	8%
(N - Unduplicated)	(59,812)	(31,137)	(27,754)	(3,888)

Data Source: PIF

Notes: This table excludes 19,791 training participants who were not working or had missing information on primary employment setting.

AIDS Education and Training Centers (AETCs)

Work Role of Training Participants

Forty-one percent of those participating in AETC sponsored training events during the period July 1, 2000 through June 30, 2001 were care providers. Residents and students represented 12 percent of trainees and 11 percent of participants were case managers. Eleven percent of training participants were persons working in administrative roles.

AIDS Education and Training Centers (AETCs)

Work Role by Training Level

Work Role	Total %	Level I %	Level II %	Level III %
Care Provider	41	41	40	50
Case Management	11	10	12	7
Administration	11	10	12	7
Resident/Student	12	13	10	7
Other/Not Employed	25	26	26	17
(N)	60,179	30,286	26,322	3,572

Data Source: PIF

Notes: This table excludes 3,126 training participants who had missing information on work role.

AIDS Education and Training Centers (AETCs)

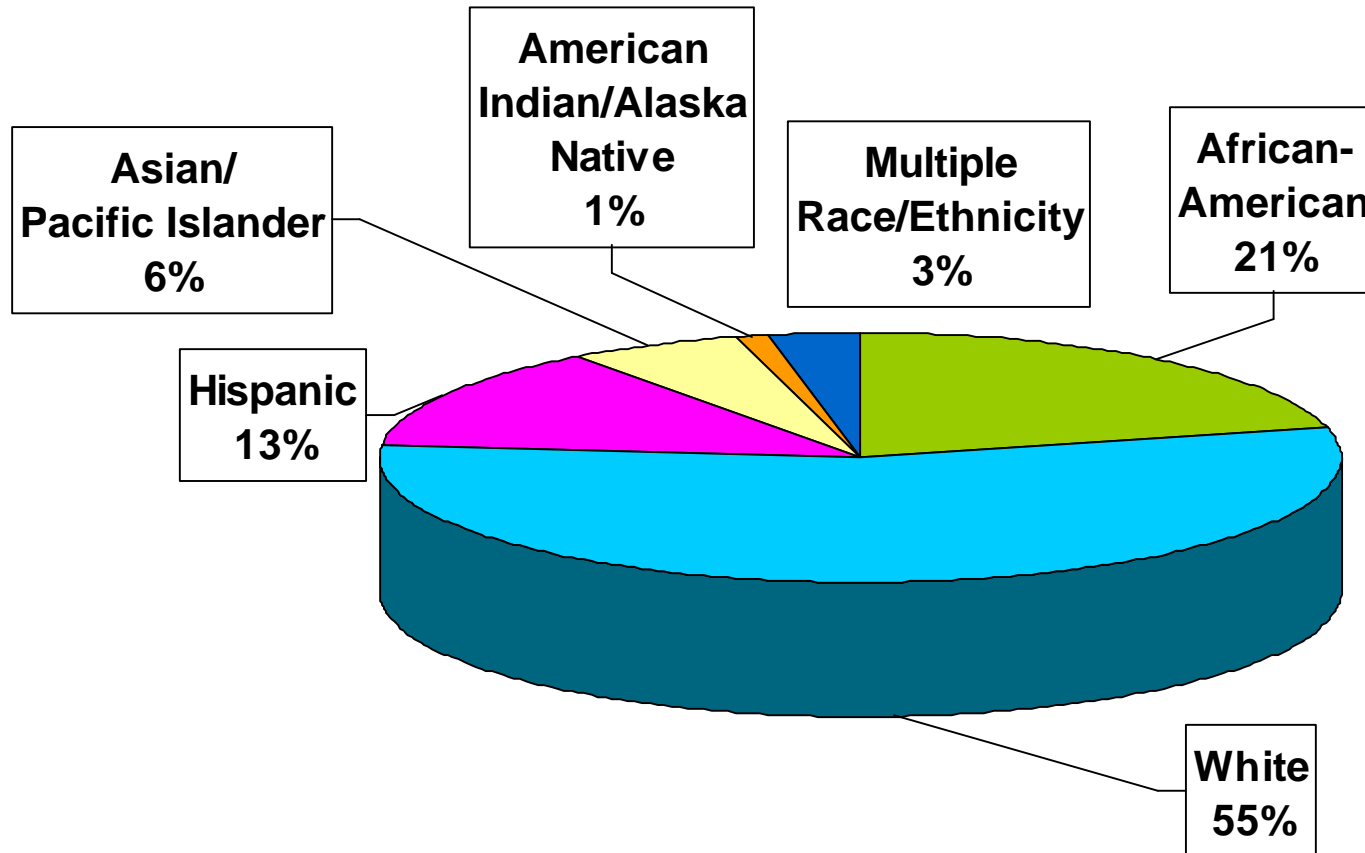
Race/Ethnicity of Training Participants

Sixty-four percent of all training participants during the July 1, 2000 through June 30, 2001 reporting period were White. African Americans comprised 24% of the trainees and 14% were Hispanic. Examination of racial/ethnic characteristics by level of training revealed that 60 percent of those attending Level I trainings were White, 18 percent were African American, and 9 percent were Hispanic.

AIDS Education and Training Centers (AETCs)

Race/Ethnicity of All Training Participants

(N = 59,650)



AIDS Education and Training Centers (AETCs)

Race/Ethnicity of All Training Participants by Training Level

Race/Ethnicity	Total %	Level I %	Level II %	Level III %
African American/Black (not Hispanic)	21%	18%	24%	17%
White (not Hispanic)	55%	60%	49%	62%
Hispanic	13%	9%	17%	10%
Asian/Pacific Islander	6%	7%	5%	7%
American Indian/Alaska Native	1%	2%	1%	1%
Multiple Race/Ethnicity	3%	4%	3%	2%
(N – Unduplicated participants)	(59,650)	(29,942)	(26,227)	(3,481)

Data Source: PIF

Notes: This table excludes 3,654 training participants who had missing information on race/ethnicity.

AIDS Education and Training Centers (AETCs)

HIV+ Caseload and Patient Characteristics

Twelve percent of the trainees with direct patient care responsibilities reported HIV+ caseloads of 51 or more patients. Eleven percent of participants with patient responsibilities served 21 to 50 HIV+ patients, 10 percent reported providing care to 1 to 20 HIV-infected patients and 36% reported providing care to 1 to 10 HIV-infected patients . Thirty-one percent of the trainees with direct patient care responsibilities reported having no HIV-infected patients.

Seventy-one percent of the training participants with patient care responsibilities reported that 25 percent or more of their patients were racial/ethnic minorities.

AIDS Education and Training Centers (AETCs)

Number of HIV+ Patients per Training Participant with Direct Patient Care Responsibilities

Patients per Trainee	Total %	Level I %	Level II %	Level III %
No HIV+ Patients	31%	32%	27%	30%
1 – 10 HIV+ Patients	36%	35%	36%	37%
11 – 20 HIV+ Patients	10%	9%	12%	12%
21-50 HIV+ Patients	11%	10%	13%	11%
51 or more HIV+ Patients	12%	13%	12%	9%
(N)	(37,984)	(18,356)	(17,092)	(2,536)

Data Source: PIF

Notes: This table excludes 25,320 participants who were not working, do not have direct care responsibilities or had missing information on HIV+ patient caseload. Direct patient care providers include case managers and care providers.

AIDS Education and Training Centers (AETCs)

Number of HAART Patients per Training Participant with Direct Patient Care Responsibilities

Patients per Trainee	Total %	Level I %	Level II %	Level III %
No HAART Patients	41%	41%	37%	41%
1 – 10 HAART Patients	33%	31%	34%	33%
11 – 20 HAART Patients	10%	9%	11%	11%
21-50 HAART Patients	9%	10%	10%	10%
51 or more HAART Patients	8%	9%	8%	5%
(N)	(37,727)	(18,243)	(16,963)	(2,521)

AIDS Education and Training Centers (AETCs)

Percentage of Special Populations in Caseload for Trainees with Direct Patient Care Responsibilities (slide 1 of 2)

25% or more of Patients in Caseload	Total %	Level I %	Level II %	Level III %
Racial& Ethnic Minorities	71%	70%	73%	67%
Women	67%	67%	65%	72%
Medicaid Covered	49%	51%	47%	45%
Substance Users	45%	43%	50%	35%
Uninsured	40%	38%	43%	40%

(Total for all special populations found on next slide)

AIDS Education and Training Centers (AETCs)

Percentage of Special Populations in Caseload for Trainees with Direct Patient Care Responsibilities (slide 2 of 2)

25% or more of Patients in Caseload	Total %	Level I %	Level II %	Level III %
Rural Patients	24%	24%	23%	30%
Adolescents	21%	20%	21%	22%
Incarcerated/Paroled	20%	18%	22%	13%
Severely/Persistently Mentally Ill	19%	19%	20%	15%
Migrant & Seasonal Farm Workers	4%	4%	4%	6%
(N – Unduplicated from last two tables)	(37,897)	(18,300)	(17,075)	(2,523)

Data Source: PIF

Notes: The final two tables exclude **25,407 participants** who were not working, do not have direct care responsibilities or had missing information on percent of minority patients in caseload. Direct patient care providers include case managers and care providers.